

CLAIMS

1. A refrigerator comprising a body (1) and a door (3) fitted to the body (1) such as to pivot, which jointly define an interior (6), and at least one lamp (4) for illumination of the interior (6), characterised in that the lamp (4) is mounted on the door (3) and that its light distribution (5) relative to the door (3) is variable and coupled to the pivoting movement of the door (3).
2. The refrigerator according to claim 1, characterised in that the coupling is mechanical.
3. The refrigerator according to claim 1 or claim 2, characterised in that the light distribution (5) has a direction (M) of highest-intensity emission which can be pivoted in a direction opposite to the pivoting movement of the door (3).
4. The refrigerator according to claim 3, characterised in that the transmission ratio of the light distribution (5) compensates for that of the door (3) at most.
5. The refrigerator according to any one of the preceding claims, characterised in that the light distribution has a width which decreases as the opening angle of the door (3) increases.
6. The refrigerator according to any one of the preceding claims, characterised in that the lamp (4) comprises a light source (7) and a reflector (11) which can be moved towards one another coupled to the pivoting movement of the door (3).
7. The refrigerator according to any one of the preceding claims, characterised in that the lamp (4) comprises a light source (7) and a refractive element (24) which can be moved towards one another coupled to the pivoting movement of the door (3).

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8. The refrigerator according to any one of the preceding claims, characterised in that the lamp (4) projects over an inner surface of the door (3) at least when the door (3) is opened.